WOJEK ENGINEERING ASSOCIATES, PA

3405-H W. WENDOVER AVE.
GREENSBORO, NC 27407

July 22, 1993

Ms. Sharon K. Cihak
Toxic and Health Hazard Specialist
Guilford County Emergency Services
1002 Meadowood Road
Greensboro, NC 27409

SUBJECT: Soil Removal and Site Clean Up
            Southeast Airport

Dear Ms. Cihak:

The attached is the Field Activities Report provided by TRIGON
Engrg. Consult. Inc. We believe this report is what you need in
order to close the Southeast Airport project.

If you have any questions, please let us know and we will provide
you with any additional information you may need.

Thank you very much.

Very truly yours,
Wojek Engineering Assoc., PA

Michael Lee

Enclosure

cc: Ms. Helen W. Williams
    DF/PF

ENGINEERING CONSULTANTS, INC.

July 22, 1993

Wojeck and Associates
Post Office Box 8847
Greensboro, North Carolina 27419

Attention: Mr. Michael Lee

Reference: Soil Removal and Screening Project
       Southeast Greensboro Airport
       Greensboro, North Carolina
       Trigon Job No. 152-93-036

Dear Mr. Lee:

  Trigon Engineering Consultants, Inc. is pleased to provide this summary report based on our field observations at the referenced site on July 8, 1993. Trigon performed the work in accordance with Trigon Proposal No. 152-93-081-P.

SCOPE OF SERVICES

  As requested by Wojeck and Associates Trigon mobilized a geologist to the subject site to screen the reported petroleum impacted soils with an organic vapor analyzer (OVA). The impacted soils were to be removed by D&F Grading, Inc.

FIELD INVESTIGATION

  Trigon mobilized a project geologist to the subject site on July 8, 1993. Upon arrival at Southeast Airport, Trigon personnel met with Mr. Michael Lee and Mr. Don Wojeck of Wojeck and Associates. According to information provided by Wojeck and Associates, two (2) gasoline containing underground storage tanks (USTs) and an associated fuel pump island were removed by Four Seasons Industrial Services in April of 1993. Reportedly, the only area that contained petroleum hydrocarbons above the state standard of 10 parts per million (ppm) was the fuel pump island. According to Mr. Wojeck, a soil sample retrieved underneath the pump island at a depth of 12 feet exhibited 273 parts per million of petroleum hydrocarbons which was similar to gasoline. Four Seasons Industrial Services removed impacted soils above twelve (12) feet.

On July 8, 1993, D&S Grading Inc. removed the top 12 feet of non-impacted soil from the area between the two (2) former USTs. Then soils from 12 to 20 feet were removed and stockpiled on plastic at the referenced. D&S Grading, Inc. removed approximately 24 to 30 cubic yards of impacted soils from the excavation zone. During the soil removal, Trigon used a Foxboro Model 128 organic vapor analyzer (OVA) which operates by flame ionization detection (FID) to screen the impacted soils as they were being removed from the excavation zone. The OVA values of the soils which were removed ranged from 0 ppm to 100 ppm. Upon excavation termination at 20.0 feet, a soil sample was retrieved from the excavation zone bottom by Wojeck and Associates and screened by Trigon with the OVA. The soil sample had an OVA result of 0.4 ppm.

Following the impacted soil removal and placement on the plastic, Mr. Lee (Wojeck Associates) retrieved six composite soil samples from the stockpiled soils. The OVA values from the composite samples ranged from 1 ppm to 20 ppm.
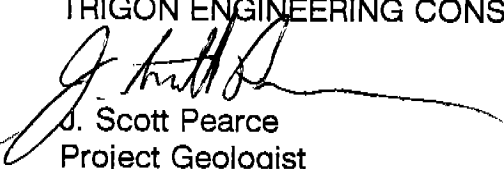
CLOSURE

Trigon Engineering Consultants, Inc. appreciates this opportunity to assist Wojeck and Associates with this phase of the investigation. If you require additional information or have any questions concerning the information in this report, please feel free to contact us at your convenience.
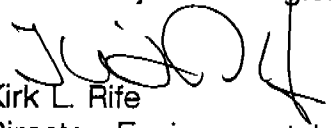
Very truly yours,

TRIGON ENGINEERING CONSULTANTS, INC.

J. Scott Pearce
Project Geologist

W. Lee Henry, P.G.
Senior Project Geologist

Kirk L. Rife
Director, Environmental Affairs

JSP:WLH:KLR:mra